

CLAIMS

What is claimed is:

1. A method for obtaining weight loss in humans by administering to a human suffering from overweight, an antagonist of adenosine A1 receptor and at least one member selected from the group consisting of adenosine 5'-triphosphate and adenosine 5'-monophosphate.
2. A method for maintaining weight reduction in humans by administering to a human in need of, an antagonist of adenosine A1 receptor and at least one member selected from the group consisting of adenosine 5'-triphosphate and adenosine 5'-monophosphate.
3. A method for preventing weight gain in humans by administering to a human in need of, an antagonist of adenosine A1 receptor and at least one member from a group consisting of adenosine 5'-triphosphate and adenosine 5'-monophosphate.
4. The method according to anyone of claims 1-3 wherein the amount of adenosine 5'-triphosphate or adenosine 5'-monophosphate is about 0.1-100 milligrams/kg of body weight per 24 hours said administering is oral or sublingual.
5. The method according to anyone of claims 1-3 wherein the amount of adenosine 5'-triphosphate or adenosine 5'-monophosphate is about 0.1-100 milligrams/kg of body weight per 24 hours and administering is topical.
6. The method according to anyone of claims 1-3 wherein the amount of adenosine 5'-triphosphate or adenosine 5'-monophosphate is about 0.01-10 milligrams/kg of body weight per 24 hours and administering is by injection.

7. The method according to anyone of claims 1-3 wherein the amount of the antagonist of adenosine A1 receptor is about 0.1-100 milligrams/kg of body weight per 24 hours and administering is oral or sublingual.
8. The method according to anyone of claims 1-3 wherein the amount of the antagonist of the adenosine A1 receptor is about 0.1-100 milligrams/kg of body weight per 24 hours and administering is topical.
9. The method according to anyone of claims 1-3 wherein the amount of the antagonist of the adenosine A1 receptor is about 0.01-10 milligrams/kg of body weight per 24 hours and administering is by injection.
10. The method according to anyone of claims 1-3 wherein the antagonist of the adenosine A1 receptor comprises caffeine.
11. The method according to anyone of claims 1-3 wherein the antagonist of the adenosine A1 receptor comprises theophylline.